

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061720\
 Data File : VU038955.D
 Acq On : 17 Jun 2020 19:35
 Operator : SY/MD
 Sample : L3040-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:11:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.31	114	259070	5.00	ug/L	0.03
28) Chlorobenzene-d5	9.44	117	264498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126841	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	82867	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.95	69	72934	4.83	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.61	63	173565	4.76	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.80	46	237448	41.25	ug/L	0.12
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.50%
24) Chloroform-d	5.15	84	186791	5.23	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.78	65	107407	5.21	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.80	84	346973	5.02	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.75	67	111439	5.21	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.93	98	278947	4.50	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.21	79	44992	4.59	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.67	63	264607	51.28	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	102000	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	124676	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

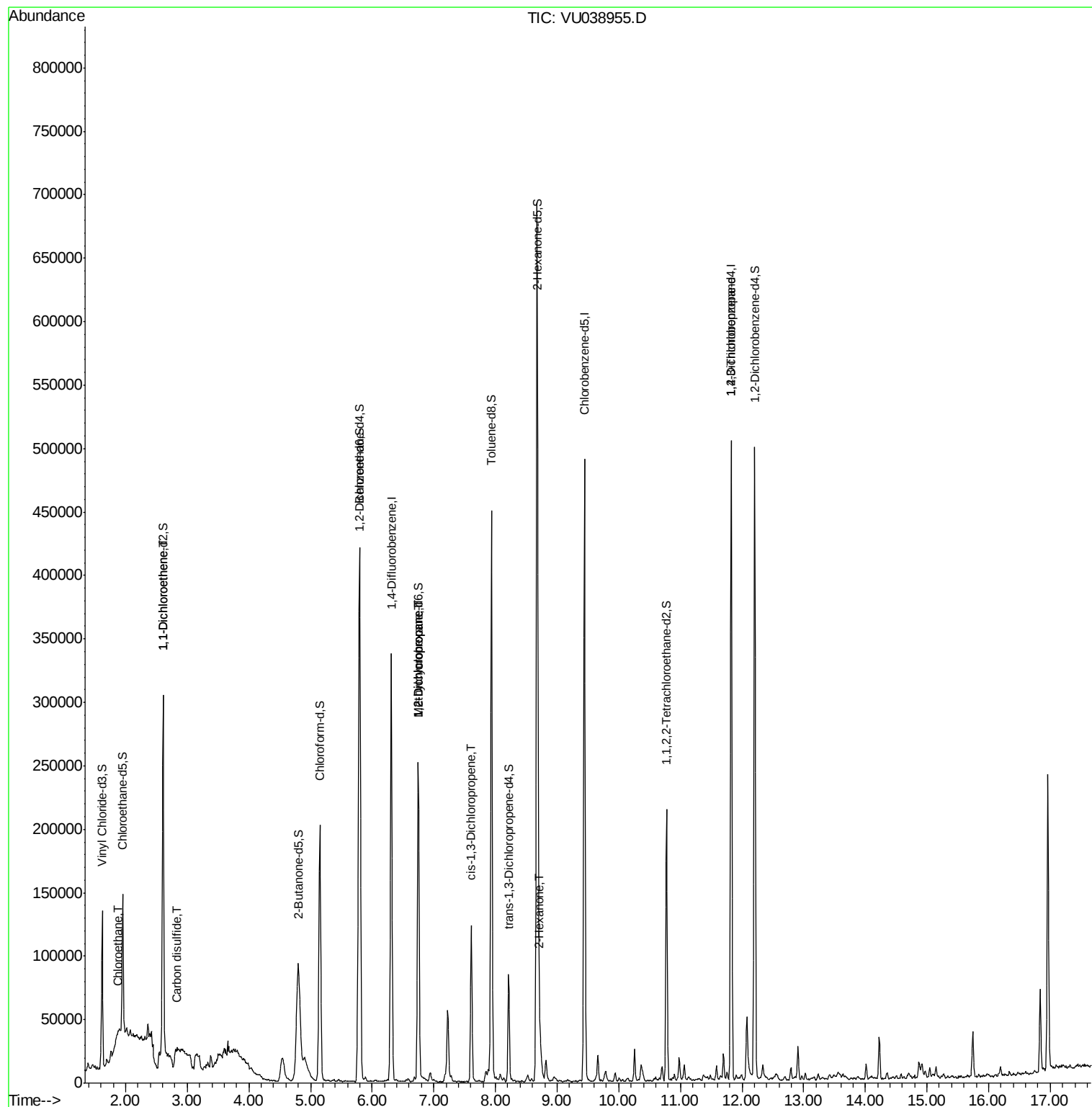
					Ovalue
8) Chloroethane	1.88	64	69389	4.492 ug/L #	51
12) 1,1-Dichloroethene	2.61	96	1665	0.091 ug/L #	1
14) Carbon disulfide	2.83	76	5161	0.084 ug/L #	81
35) Methylcyclohexane	6.75	83	27176	0.855 ug/L #	20
37) 1,2-Dichloropropane	6.75	63	13082	0.634 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3080	0.102 ug/L #	70
48) 2-Hexanone	8.72	43	17417	1.617 ug/L #	90
59) 1,2,3-Trichloropropane	11.83	75	16022	1.007 ug/L #	85

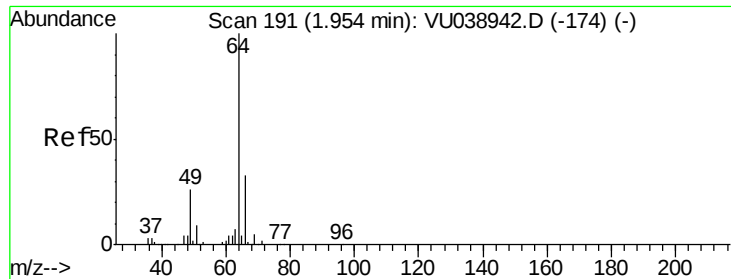
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 18 04:07:55 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 4.492 ug/L

RT: 1.88 min Scan# 167

Delta R.T. -0.08 min

Lab File: VU038955.D

Acq: 17 Jun 2020 19:35

Instrument :

MSVOA_U

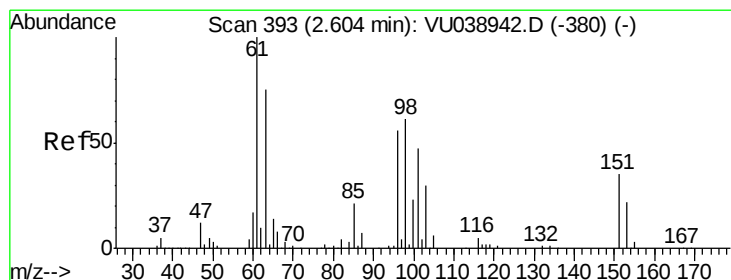
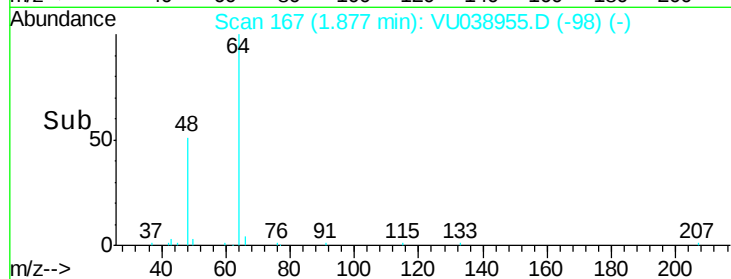
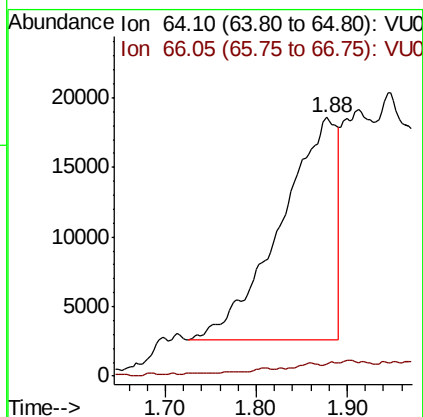
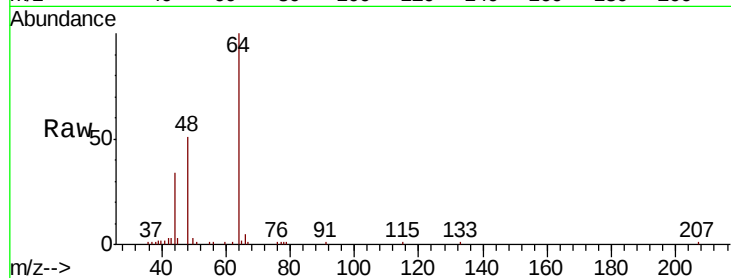
ClientSampleId :

Tot Ion: 64 Resp: 69389

Ion Ratio Lower Upper

64 100

66 4.5 22.1 41.1#



#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.61 min Scan# 395

Delta R.T. 0.01 min

Lab File: VU038955.D

Acq: 17 Jun 2020 19:35

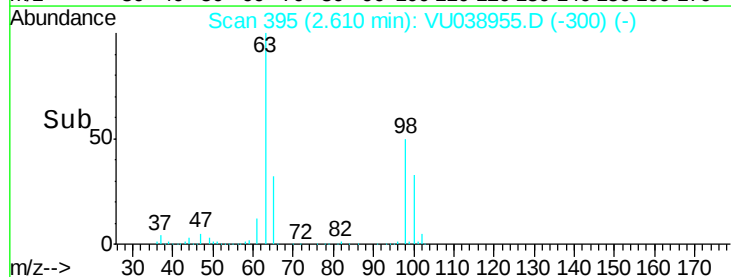
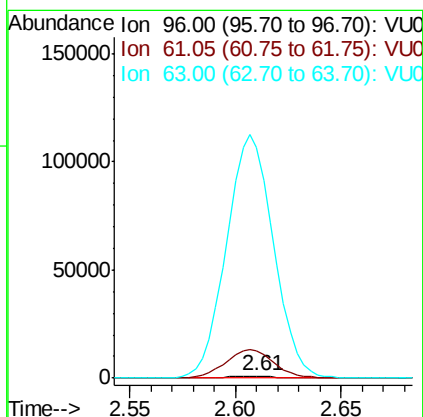
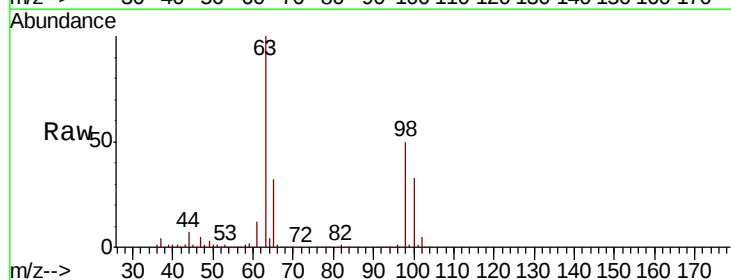
Tgt Ion: 96 Resp: 1665

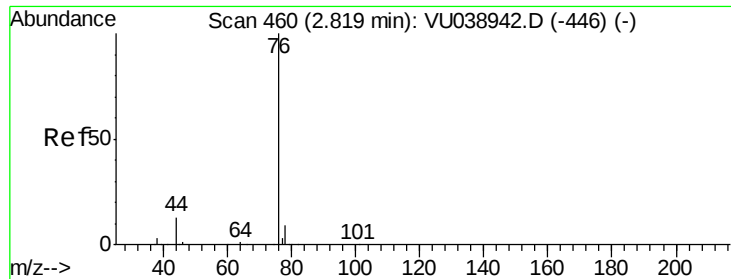
Ion Ratio Lower Upper

96 100

61 1225.1 120.3 223.5#

63 10318.7 78.7 146.1#





#14

Carbon disulfide

Concen: 0.084 ug/L

RT: 2.83 min Scan# 463

Delta R.T. 0.01 min

Lab File: VU038955.D

Acq: 17 Jun 2020 19:35

Instrument :

MSVOA_U

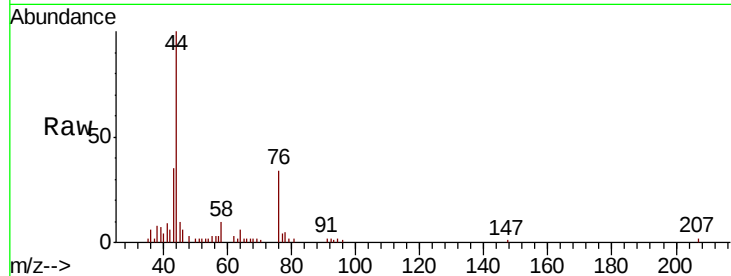
ClientSampleId :

Tot Ion: 76 Resp: 5161

Ion Ratio Lower Upper

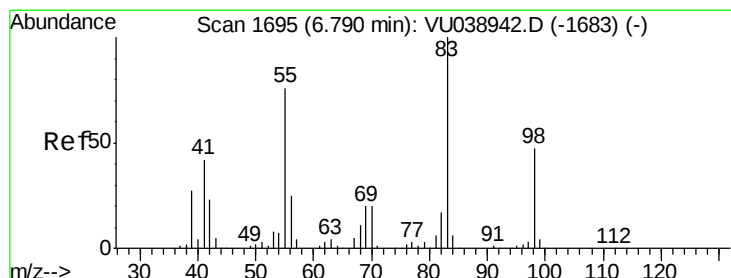
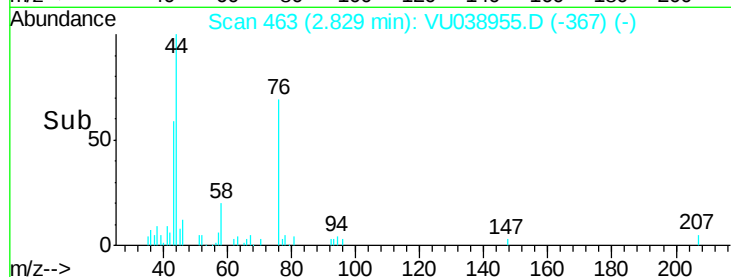
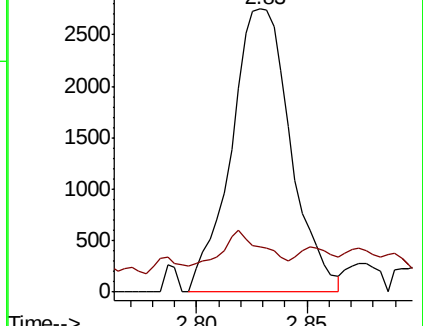
76 100

78 16.2 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU038942.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU038942.D (-446) (-)



#35

Methylcyclohexane

Concen: 0.855 ug/L

RT: 6.75 min Scan# 1682

Delta R.T. -0.04 min

Lab File: VU038955.D

Acq: 17 Jun 2020 19:35

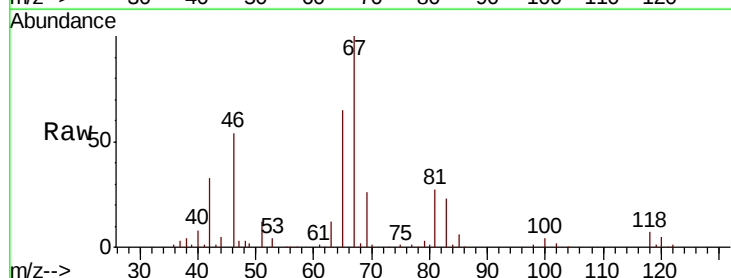
Tgt Ion: 83 Resp: 27176

Ion Ratio Lower Upper

83 100

55 2.8 61.8 92.8#

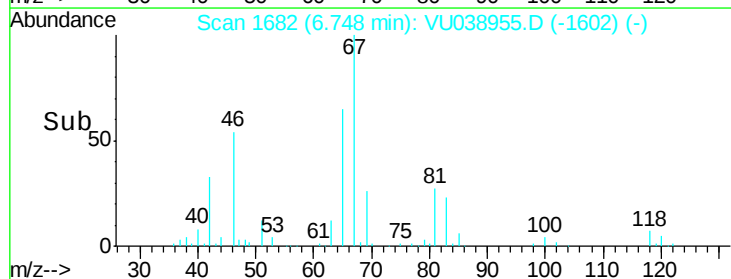
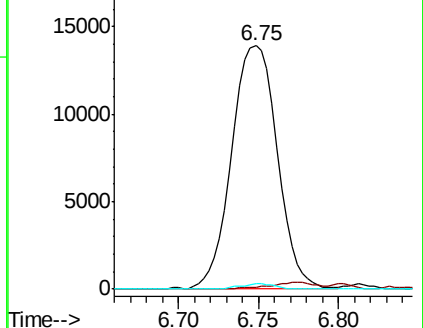
98 1.6 39.3 58.9#

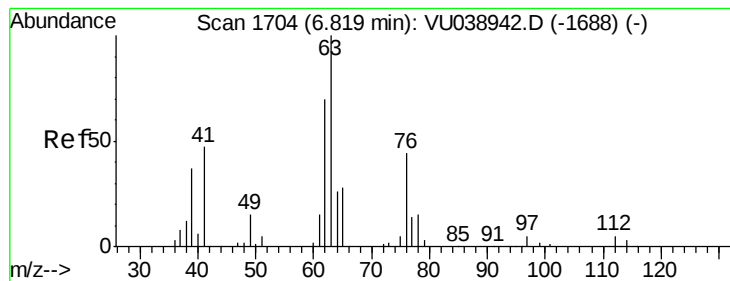


Abundance Ion 83.15 (82.85 to 83.85): VU038942.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU038942.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU038942.D (-1683) (-)





#37

1,2-Dichloropropane

Concen: 0.634 ug/L

RT: 6.75 min Scan# 1682

Delta R.T. -0.07 min

Lab File: VU038955.D

Acq: 17 Jun 2020 19:35

Instrument :

MSVOA_U

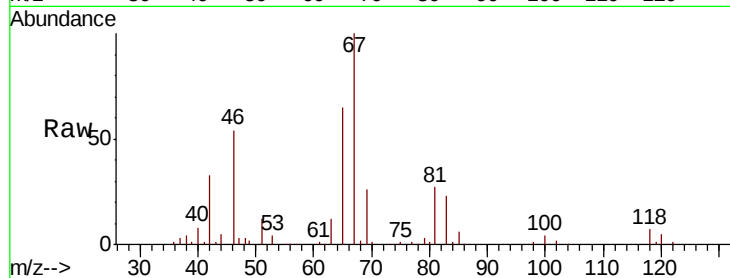
ClientSampleId :

Tot Ion: 63 Resp: 13082

Ion Ratio Lower Upper

63 100

112 0.4 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VU038942.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU038942.D (-1688) (-)

8000

6000

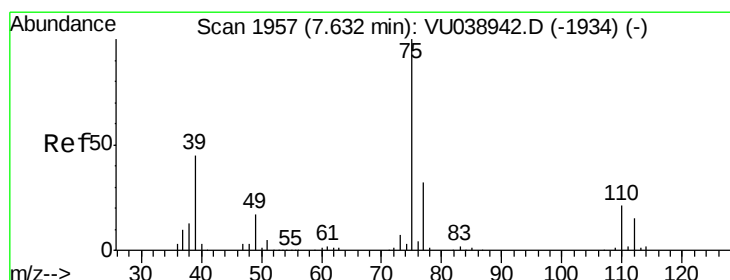
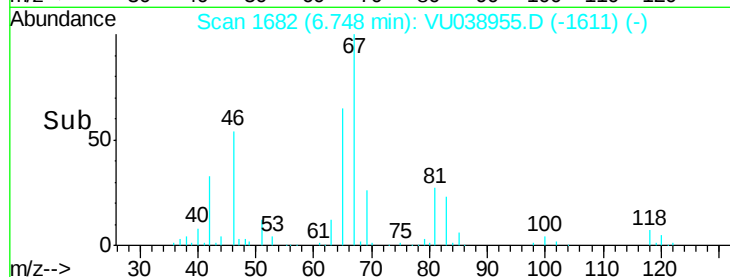
4000

2000

0

6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.03 min

Lab File: VU038955.D

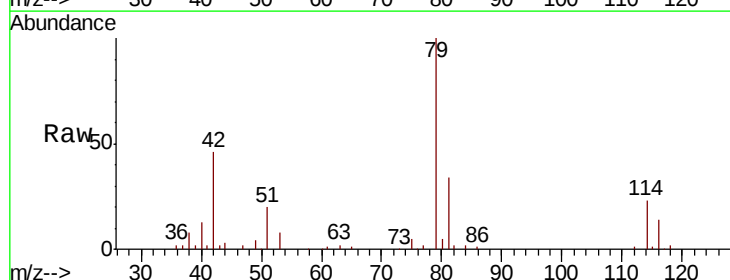
Acq: 17 Jun 2020 19:35

Tgt Ion: 75 Resp: 3080

Ion Ratio Lower Upper

75 100

77 48.6 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038942.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU038942.D (-1934) (-)

2000

1500

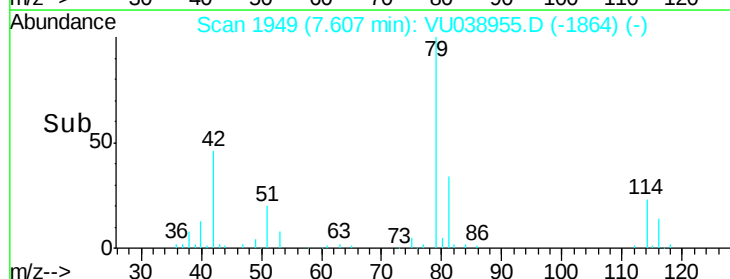
1000

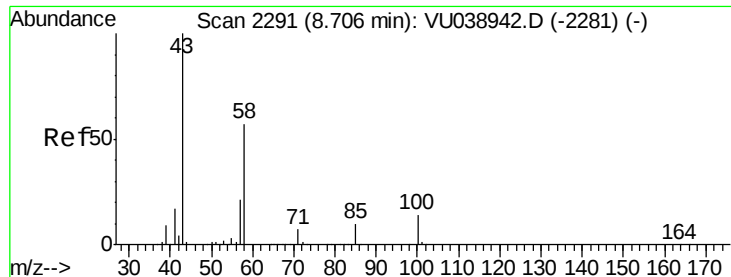
500

0

7.55 7.60 7.65

Time-->

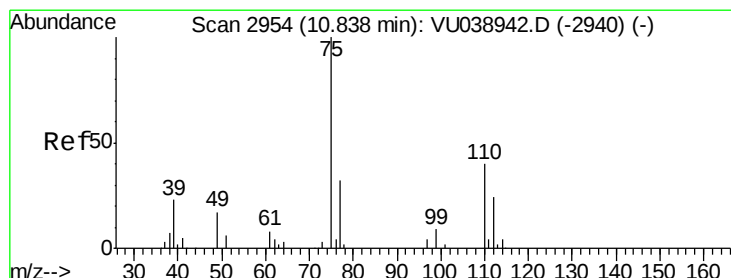
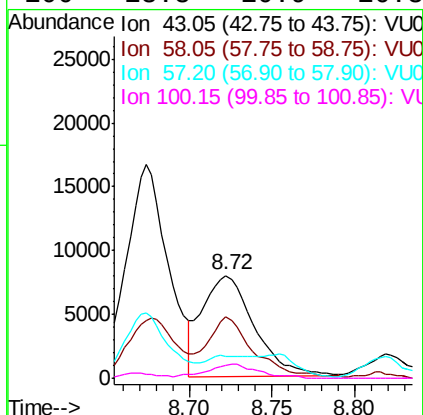
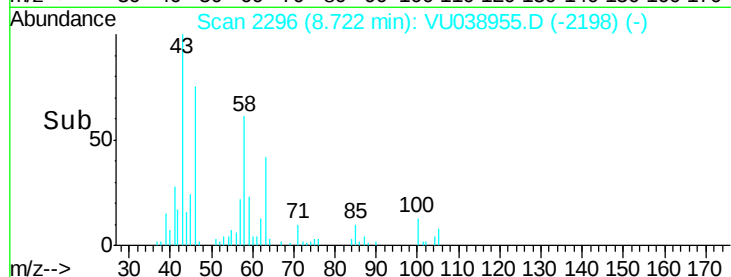
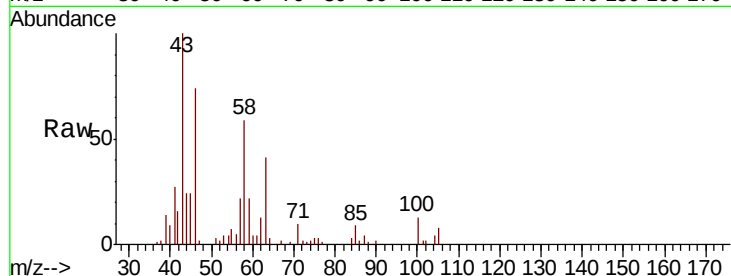




#48
2-Hexanone
Concen: 1.617 ug/L
RT: 8.72 min Scan# 2296
Delta R.T. 0.02 min
Lab File: VU038955.D
Acq: 17 Jun 2020 19:35

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 17417
Ion Ratio Lower Upper
43 100
58 53.2 45.2 67.8
57 5.9 16.1 24.1#
100 13.8 10.9 16.3



#59
1,2,3-Trichloropropane
Concen: 1.007 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU038955.D
Acq: 17 Jun 2020 19:35

Tgt Ion: 75 Resp: 16022
Ion Ratio Lower Upper
75 100
77 39.9 25.4 38.0#

